

**MINIMUM SPECIFICATION FOR THE PURCHASE OF A MOBILE SNOWMELTER  
FOR GENERAL MITCHELL AIRPORT**

**1. Scope**

The purpose of this specification is to describe the requirements for the purchase of a mobile snowmelter with the capacity to melt at least 18 tons of snow per hour.

**2. Documentation**

Each vendor shall provide two (2) complete bid packages including informational/promotional literature that describes the equipment to be installed.

**3. Required Features**

The snowmelter must include the following:

- 3.1. Minimum melting capacity of 18 tons of snow per hour.
- 3.2. Maximum height of 74 inches.
- 3.3. Minimum burner output of at least 5,800,000 BTU per hour.
- 3.4. Minimum fuel tank capacity of 200-gallon.
- 3.5. Minimum towing speed of 45 MPH when fueled.
- 3.6. Have a dual-axle trailer with electric brakes, turn signals, and marker lights with pintle for towing.
- 3.7. Have dual-sided snow loading access.
- 3.8. Have standard gauge mild steel melting hopper, melting pan with structural steel supports.
- 3.9. Must be built to comply with National Electric Code (NEC) and National Fire Protection Association (NFPA) standards. Include standards compliance with the bid.
- 3.10. Have heated operating enclosures with lockable access doors protecting equipment including burners, water pump spray system, and generator from weather.
- 3.11. Have auxiliary power plug wired for either 100 or 220 outlet to power battery charger, fuel filter heater, generator block heater, and control power heater when melter is not in use or generator is off.

- 3.12. Have a control panel located on out side door for easy access.
- 3.13. Control panel must have the following for ease of operation: temperature controller, visual and audible alarm indication, pilot controls, indicators, gauges, relays and terminals.
- 3.14. Have a self-contained diesel-fired generator located inside the heated enclosure with generator battery charger.

#### **4. General Specifications**

##### **4.1. New Equipment**

The equipment shall be a current, new and unused model built by the manufacturer (the latest manufactured model year) . The equipment must be delivered completely assembled and ready for operation at time of delivery.

##### **4.2. Parts and Service**

The vendor must have an authorized parts and service facility located within 400 miles of Milwaukee County with sufficient stock of parts and trained technicians to service the equipment.

##### **4.3. Manuals**

The successful vendor shall, upon delivery, furnish two (2) complete sets of parts and service manuals that cover the equipment and the attachments specified. Five hundred dollars (\$500.00) of the final payment will be withheld until all of the above is received.

##### **4.4. Training**

The successful vendor shall, at a time mutually agreeable with Milwaukee County, provide at least four (4) hours of training to operators and service technicians covering the operation and maintenance of the equipment, if requested.

##### **4.5. Warranty**

4.5.a The manufacturer shall provide a one year parts warranty. The warranty shall start the first day the vehicle is placed in service.

The manufacturer shall warrant the entire vehicle, furnished equipment and devices against parts failure or malfunction due to design, construction, installation or errors in assembly of components, defective materials and workmanship.

4.5.b. Should equipment encounter a defect while under warranty, the vendor will be responsible for all costs associated with transporting the vehicle to

and from an authorized service facility. The vendor will be required to respond to all warranty requests for service, including picking up of the vehicle, within 24 hours of being contacted by Milwaukee County Fleet Management. All repairs covered under warranty are to be completed on a timely basis.

- 4.5.c. Any extended warranty options shall be listed and priced separately as an addition. (Not an alternative, an extended warranty doesn't replace the manufacturer warranty it supplements it or replaces it after the manufacturer warranty ends).

**5. Price and Delivery**

- 5.1. The price bid for the equipment must be NET PRICE DELIVERED. Any bid modifying or "escalator" clauses will not be considered.
- 5.2. The vendor shall state the length of time required for delivery to Milwaukee County.